

- *Systems suited to the size of installation*
- *Automatically adjusts heat output in response to increasing or decreasing surface temperature*
- *Will not overheat or burnout, even when overlapped*
- *Controls provide high power for melting, reduce power for ice prevention*
- *Simple installation in concrete*
- *Can be cut to length with no wastage*

**FEATURES**

SNOMELT is a self-regulating heating tape that can be used for snow melting and ice prevention of surfaces such as concrete roads, ramps and paths. It may also be used on stairways, walkway gratings or loading docks.

It can be cut to length at site and exact lengths can be matched without any complicated design considerations.

Power output is self-regulated in response to surface temperature. SNOMELT cannot overheat and tends to reduce power when not needed.

SNOMELT Type SM-A is provided for small installations, and is ideally suited for patio's, paths and driveways in domestic properties.

SNOMELT Type SM-B is ideally suited for large scale installations and can be combined with Heat Trace's specially developed high energy efficient SNOFLOW control system which applies full power for melting, and a reduced lower output for ice prevention.

A SNOMELT / SNOFLOW controlled system can reduce operating costs by as much as 80% when compared with conventionally controlled snow melting and ice prevention systems.

**OPTIONS**

- SM-A SNOMELT for small scale systems designed for use in residential / small commercial applications.
- SM-B SNOMELT for larger scale systems ideally suited for use on car park ramps, access roads, airport aprons, etc.



# SPECIFICATION

**MAXIMUM SURFACE TEMPERATURE** 40°C (104°F)

**MINIMUM INSTALLATION TEMPERATURE** -30°C (-22°F)

**POWER SUPPLY** 110 – 120VAC or 220 – 240VAC

**MAXIMUM RESISTANCE OF PROTECTIVE BRAIDING** 18.2 Ohm/km

### WEIGHTS & DIMENSIONS

Type Ref	Nom. Dims. (mm)	Weight kg/100m	Min. Bending Radius
SM-A	7.9 x 5.6	7.7	20mm
SM-B	15.0 x 6.5	18.9	25mm

### ORDERING INFORMATION

Example SM2-B  
 SNO-MELT heating tape  
 Supply Voltage 220 – 240VAC  
 Large scale SNO-MELT system

### ACCESSORIES

Heat Trace supply a complete range of accessories including termination/splice kits, end seals, junction boxes and controls. These items are recommended for the correct operation of SNO-MELT products.

### MAXIMUM LENGTH (m) vs. CIRCUIT BREAKER SIZE

Cat Ref	Start-up Temperature	230V			
		6A	10A	16A	20A
SM-A	10°C	44	72	80	-
	0°C	36	58	80	-
SM-B	10°C	14	22	36	44
	0°C	12	18	30	38

For use with Type C circuit breakers to BS EN60898:1991

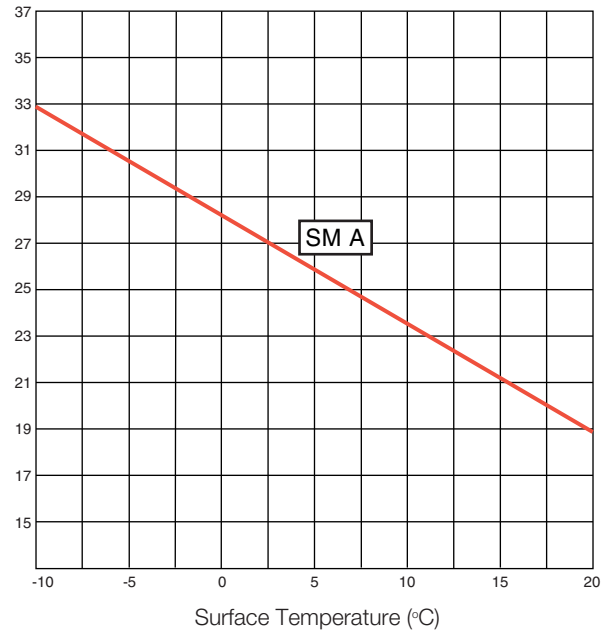
### FACTORS

For burial in:	Power Output Multiplying Factor
Sand (wet)	W/m in concrete x 0.9
Metal Conduit	W/m in concrete x 0.4
Plastic Conduit	W/m in concrete x 0.3

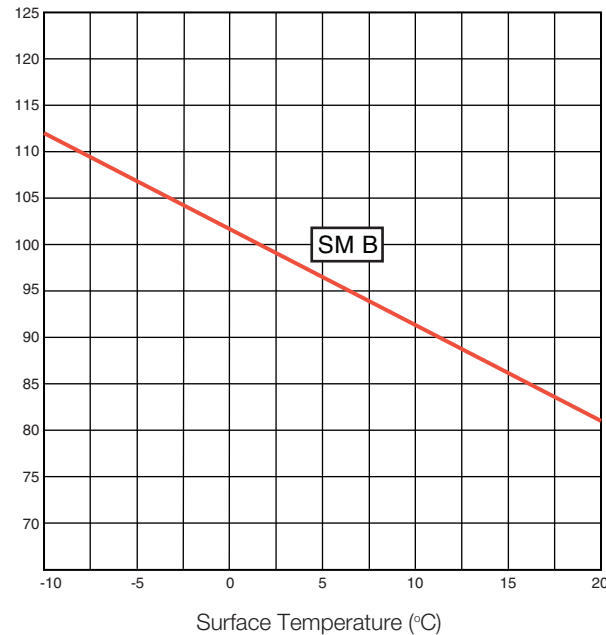
### POWER OUTPUT CURVES

The following graphs indicates the cable performance when buried in concrete. For other conditions, refer to the Factors Table shown.

SM-A Power Output (W/m) at 230V



SM-B Power Output (W/m) at 230V



### FURTHER INFORMATION

Please consult the appropriate termination instructions and Heat Trace Limited's Snow Melting Installation, Maintenance and Testing Instructions for further details.



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